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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/882,697	06/14/2001	Stephen C. Goss	16-12-22-6-5-6-18-11-13	9338
7590	06/15/2005			
Werner Ulrich 434 Maple Street Glen Ellyn, IL 60137-3826			EXAMINER CUMMING, WILLIAM D	
			ART UNIT 2683	PAPER NUMBER

DATE MAILED: 06/15/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/882,697	GOSS, ET AL	
	Examiner	Art Unit	
	WILLIAM D CUMMING	2683	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 May 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 21-40 is/are pending in the application.
- 4a) Of the above claim(s) 21-40 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Election/Restrictions

1. Newly submitted claims 21-40 are directed to an invention that is independent or distinct from the invention originally claimed for the following reasons:

The original claims claimed establishing a cellular call with channel allocation with load balancing. The new claims describe call routing, establishing a connection from a mobile station of an originating party to a station of a termination party.

2. Since applicants have received an action on the merits for the originally presented invention, this invention has been constructively elected by original presentation for prosecution on the merits. Accordingly, claims 21-40 are withdrawn from consideration as being directed to a non-elected invention. See 37 CFR 1.142(b) and MPEP § 821.03.

3. The amendment filed on May 30, 2005 canceling all claims drawn to the elected invention and presenting only claims drawn to a non-elected invention is non-responsive (MPEP § 821.03). Since the above-mentioned amendment appears to be a *bona fide* attempt to reply, applicants are given a **TIME PERIOD of ONE (1) MONTH or THIRTY (30) DAYS**, whichever is longer, from the mailing date of this notice within which to supply the omission or correction in order to avoid abandonment. **EXTENSIONS OF THIS TIME PERIOD UNDER 37 CFR 1.136(a) ARE AVAILABLE.**

Response to Amendment**4. Updated Notice of Centralized Delivery and Facsimile Transmission Policy
for Patent Related Correspondence, and Exceptions Thereto**

On December 1, 2003, the United States Patent and Trademark Office (Office) established a "*centralized delivery*" policy for patent related correspondence to enable the Office to promptly scan the correspondence into the Office's image file wrapper (IFW) system. The "*centralized delivery*" policy requires most patent related correspondence to be: a) faxed to the central facsimile number ((703) 872-9306), b) hand carried or delivered to the Customer Service Window (now located at the Randolph Building, 401 Dulany Street, Alexandria, VA 22314), or c) mailed to the mailing address set forth in 37 CFR 1.1 (e.g., P.O. Box 1450, Alexandria, VA 22313-1450).ⁱ The "*centralized delivery*" policy was revised in three follow-up notices. In order to provide further updated information, and to provide a single comprehensive statement of the Office's current "*centralized delivery*" policy, this notice is issued. This notice replaces all prior Office notices specifying a specific fax number or hand carry address for certain patent related correspondence.

General "*Centralized Delivery*" Policy:

For patent related correspondence, hand carry deliveries must be made to the Customer Service Window, and facsimile transmissions must be sent to the central facsimile number ((703) 872-9306), unless an exception, as noted below, applies. Exceptions to the general policy of "*centralized delivery*" generally involve situations where special handling of the patent related correspondence is

available. All the current exceptions are listed in this notice. Correspondence which is not related to a specific patent or patent application, such as a question on policy, on employment, or other general inquiry, is not covered by this notice. Below are two lists which set forth all the current exceptions to the “*centralized delivery*” policy. The first list covers the exceptions for certain hand carried items, and the second list covers the exceptions for certain facsimile transmitted items. Both lists reflect the relocation of most USPTO operations to the Alexandria, Virginia campus.

List I – Exceptions for Certain Hand Carried Correspondence Current exceptions:

Only the following types of correspondence may be delivered (hand-carried) to the specific location provided below instead of the Customer Service Window. If correspondence listed below is carried to the Customer Service Window, the correspondence will be accepted and routed to the appropriate office.

1. Access Requests:

Requests for access to patent application files may continue to be hand carried to the File Information Unit (FIU) in Room 2E04, 2900 Crystal Drive (South Tower), Arlington VA 22202. Requests for access to patent application files that are maintained in the Image File Wrapper system and that have not yet been published may also be hand carried to the Public Search Facility on the 1st floor of the Madison East building, 600 Dulany Street, Alexandria VA 22314.

2. Patent Term Extensions under 35 U.S.C. § 156:

Patent term extension applications under 35 U.S.C. 156 (Hatch/Waxman) may be hand-carried to the Office of Patent Legal Administration (OPLA) in Room 07D85, 600 Dulany Street (Madison West building), Alexandria VA 22314. At the guard station in Madison West (near the elevators), the security guard should call the OPLA at either (571) 272-7744 or (571) 272-7746 for delivery assistance.

3. Assignments to be Recorded:

Assignments may be hand-carried to the Office of Public Records Customer Service Window on the 2nd floor of the South Tower building, 2900 Crystal Drive, Arlington VA 22202.

4. Office of General Counsel:

Correspondence for the Office of General Counsel may be hand-carried to the Office of General Counsel in Room 10C20, 600 Dulany Street (Madison East building), Alexandria VA 22314. At the guard station in Madison East (near the elevators), the security guard should call the Office of General Counsel at 571-272-7000 for delivery assistance.

5. Solicitor's Office:

Correspondence for the Solicitor's Office may be hand-carried to the Solicitor's Office in Room 8C43, 600 Dulany Street

(Madison West building), Alexandria VA 22314. At the guard station in Madison West (near the elevators), the security guard should call the Solicitor's Office at 571-272-9035 for delivery assistance.

6. Interference related correspondence:

Correspondence relating to interferences may be hand-carried to the 1st floor lobby of Madison East building, 600 Dulany Street, Alexandria VA 22314, where a drop-off box for hand-carried documents to be filed with the Board of Patent Appeals and Interferences is located. Customers need to pass through the magnetometer and have the materials passed through the x-ray sensors before placing them in the drop-off box. The drop-off box is for Interference related correspondence **ONLY**. Boxes are not permitted in the drop-off box. Boxed materials should be hand-carried to Madison East, Room 9B55-A using the following procedures. At either guard station (concourse level or 1st floor) in Madison East (near the elevators), the security guard should call the Board of Patent Appeals and Interferences at 571-272-9797 to obtain authorization to allow entry into the building for delivery to Room 9B55-A. Access to Room 9B55-A is available from 8:30 AM to 4:45 PM only. Documents/boxes hand-carried to the drop-off box or to Room 9B55-A after 4:45 PM (EST) will receive the next day's filing date. Customers desiring a stamped return receipt for their

filing need to personally bring their filing and postcard to Room 9B55-A during the hours stated above, or leave the postcard with the filing (postcard must include correct postage mail stamp and the address where the postcard it to be mailed). The Board will stamp the filing date and mail the postcard to the customer.

7. Secrecy Order:

Applications subject to a secrecy order pursuant to 35 U.S.C. 181, or are national security classified, and correspondence related thereto, may be hand-carried to the Licensing and Review location. See 37 CFR Secs. 5.1(c) and 5.2(c). Licensing and review is expected to relocate to the Alexandria campus on April 1, 2005. Effective April 1, 2005, the Licensing and Review location is:

Technology Center 3600, Room 4B31, 501 Dulany
Street (Knox building), Alexandria VA 22314.

At the guard station in Knox (near the elevators), the security guard should call Licensing and Review at (571) 272-8203 for delivery assistance. Prior to April 1, 2005, the Licensing and Review location is:

Technology Center 3600, Office of the Director, 2451
Crystal Drive (Crystal Park 5 building), Room 3D07
Arlington, VA 22202.

8. Explicit Foreign Filing License Petitions:

Effective April 1, 2005, petitions for foreign filing license pursuant to 37 CFR 5.12(b) for which expedited handling is requested and petitions for retroactive license under 37 CFR 5.25, may be hand-carried to Licensing and Review in Room 4B41, 501 Dulany Street (Knox building), Alexandria VA 22314. At the guard station in Knox (near the elevators), the security guard should call Licensing and Review at (571) 272-8187 for delivery assistance.

9. Petitions to Withdraw from Issue:

Petitions to Withdraw from Issue may be hand carried to the Office of Petitions on the 7th floor of the Madison West building, 600 Dulany Street, Alexandria VA 22314. At the guard station in Madison West (near the elevators), the security guard should call the Office of Petitions at (571) 272-3282 for delivery assistance. Hand carried papers will be accepted between the hours of 8:30 a.m. until 3:45 p.m.

10. Documents requested by the Office of Patent

Publication:

Documents requested by the Office of Patent

Publication may be hand carried to the Office of Patent

Publication in Room 8A24, 2900 Crystal Drive (South Tower building), Arlington VA 22202, during business hours.

Elimination of certain previously authorized exceptions:

Hand carry delivery to a location other than the Customer Service Window is no longer permitted for the following types of correspondence:

- (1) correspondence relating to PCT international applications prior to national stage entry (35 U.S.C. 371) [Note: as of January 14, 2005, there no longer is a separate PCT Operations Customer Window];
- (2) petitions for express abandonment to avoid publication under 37 CFR 1.138(c);
- (3) requests to initiate, or related to on-going, ex parte or inter partes reexamination proceedings;
- (4) design patent applications with a corresponding request for expedited examination under 37 CFR 1.155; and (5) correspondence for the Office of Enrollment and Discipline (OED).

List II -Exceptions for Certain Facsimile Transmitted Correspondence For each Office location listed below, only the particular type of correspondence indicated may be transmitted to the specific facsimile number at that Office location. All other types of facsimile transmitted correspondence must be sent to the central facsimile number ((703) 872-9306).

1. Office of Initial Patent Examination (OIPE) Request for corrected Filing

Receipt:

(703) 746-9195 facsimile number

Response to Notice to File Missing Parts:

(703) 746-4060 facsimile number

Note: New applications, correspondence being submitted for the purpose of obtaining an application filing date, and color drawings may NOT be transmitted by facsimile. OIPE Customer Service telephone number: (703) 308-1202

2. PCT Operations and PCT Legal Administration Correspondence

subsequent to filing in an international application before the U.S. Receiving Office, the U.S. International Searching Authority, or the U.S. International Examining Authority:

Papers in international applications:

(703) 305-3230 facsimile number

Response to Decisions on Petition:

(571) 273-0459 facsimile number

Note: An international application for patent or a copy of the international application and the basic national fee necessary to enter the national stage, as specified in 37 CFR 1.495(b), may NOT be submitted by facsimile. See 37 CFR 1.6(d)(3) (referencing 37 CFR 1.8(a)(2)(i)(D) and (F)). Subsequent

correspondence may be transmitted by facsimile in an application before the U.S. Receiving Office, the U.S. International Searching Authority, or the U.S. International Examining Authority, but it will **NOT** receive the benefit of any certificate of transmission (or mailing). See 37 CFR 1.8(a)(2) (i)(E).

Correspondence during national stage, subsequent to entry, are handled in the same manner as a U.S. national application.

The PCT Help Desk:

(571) 273-0419 facsimile number (703) 305-3257 telephone
number

3. Office of Patent Publication Payment of an issue fee and any required publication fee by authorization to charge a deposit account or credit card, and drawings:

(703) 746-4000 facsimile number

Note: Although submission of drawings by facsimile may reduce the quality of the drawings, the Office will generally print the drawings as received.

Office of Patent Publication telephone numbers to check on receipt of payment:

(703) 308-6789 or 1-888-786-0101

4. Office of Pre-Grant Publication Petitions for express abandonment to avoid publication under 37 CFR 1.138(c), and Requests for express abandonment under 37 CFR 1.138: (703) 305-8568 facsimile number

Pre-Grant Publication Division telephone number for questions relating to the publication of patent applications:

(703) 605-4283. Questions may also be directed by e-mail to
pgpub@uspto.gov.

5. Electronic Business Center (EBC) Requests for Customer Number Data
Change (PTO/SB/124), and Requests for a Customer Number (PTO/SB/125):

(703) 308-2840 facsimile number.

Note: The EBC may also be reached by e-mail at: ebc@uspto.gov.

EBC telephone number for customer service and assistance:

(866) 217-9197

6. Assignment Branch Assignments or other documents affecting title:

(703) 306-5995 facsimile number

Note: Customers may submit documents directly into the automated
Patent and Trademark Assignment System and receive the resulting recordation
notice at their facsimile machine. (Assignment documents submitted through the
Electronic Patent Assignment System also permits the recordation notice to be
faxed to customers.) Credit card payments to record assignment documents are
now accepted, and use of the Credit Card form (PTO-2038) is required for the
credit card information to be separated from the assignment records. Only
documents with an identified patent application or patent number, a single cover
sheet to record a single type of transaction, and the fee paid by an authorization
to charge a USPTO deposit account or credit card may be submitted via
facsimile. Please refer to the USPTO Web Site, at

<http://www.uspto.gov/web/offices/ac/ido/opr/ptasfax.pdf> for more information regarding the submission of assignment documents via facsimile.

Assignment Branch telephone number for assistance:

(703) 308-9723 7.

Central Reexamination Unit (CRU) *Inter partes* reexamination correspondence, except for the initial request: (571) 273-0100 facsimile number

Note: All *ex parte* reexamination correspondence, except for the initial request, may be sent by facsimile transmission to the central facsimile number. Correspondence related to reexamination proceedings will be separately scanned in the CRU.

CRU telephone number for customer service and inquiries: (571) 272-7705 8.

Board of Patent Appeals and Interferences Correspondence related to pending interferences permitted to be transmitted by facsimile (only where expressly authorized, see 37 CFR 1.6(d)(9)):

(571) 273-0042 facsimile number

Note: Correspondence should not be transmitted to this number if an interference has not yet been declared.

9. Office of the General Counsel Correspondence permitted to be transmitted to the Office of General Counsel:

(571) 273-0099 facsimile number

10. Office of the Solicitor Correspondence permitted to be transmitted by facsimile to the Office of the Solicitor:

(571) 273-0373 facsimile number

11. Licensing and Review Petitions for a foreign filing license pursuant to 37 CFR 5.12(b), including a petition for a foreign filing license where there is no corresponding U.S. application (37 CFR 5.13):

(571) 273-0185 facsimile number (if the fax is transmitted on or after April 1, 2005) (703) 305-7658 facsimile number (if the fax is transmitted prior to April 1, 2005)

Note: Correspondence to be filed in a patent application subject to a secrecy order under 37 CFR Sec. 5.1 through 5.5 and directly related to the secrecy order content of the application may **NOT** be transmitted via facsimile.

See 37 CFR Sec. 1.6(d)(6).

12. Office of Petitions Petitions to Withdraw from Issue:

(571) 273-0025 facsimile number

Note: All other types of petitions must be directed to the Central Facsimile Number ((703) 872-9306). Any paper other than a Petition to Withdraw from Issue which is sent to the Office of Petitions fax number (instead of the Central Facsimile Number) will be discarded. Petitions sent to the Central Facsimile Number should be marked "Special Processing Submission".

Questions regarding this notice may be e-mailed to **PatentPractice@uspto.gov**, or directed to the Inventors' Assistance Center by telephone at (800)786-9199, or (703)308-4357. ____ 3/2/05 ____

5. Termination of the Waiver of Provisions of 37 CFR 1.8 and 1.10 for Correspondence Intended for the United States Patent and Trademark Office but Addressed to Washington, DC 20231

Effective on April 4, 2005, the provisions of 37 CFR 1.8 (Certificate of Mailing) and 1.10 ("Express Mail") will no longer be waived for correspondence addressed to the United States Patent and Trademark Office (USPTO), Washington, DC 20231. On May 1, 2003, the USPTO changed its address for certain correspondence to P.O. Box 1450, Alexandria, VA 22313-1450. See 37 CFR 1.1 and *Correspondence with the United States Patent and Trademark Office*, 68 Fed. Reg. 14332 (March 25, 2003), 1269 *Off. Gaz. Pat. Office* 159 (Apr. 22, 2003). To allow applicants time to become accustomed to the new address in Alexandria, VA, the USPTO waived the provisions of 37 CFR 1.8 and 1.10 such that correspondence addressed to Washington, DC 20231 would be treated as acceptable under 37 CFR 1.8 and 1.10 for otherwise compliant Certificates of Mailing and "Express Mail." The United States Postal Service (USPS) has ceased forwarding to the USPTO correspondence addressed to Washington, DC 20231. Additionally, the USPTO will no longer arrange for the delivery to Alexandria, VA of correspondence addressed to Washington, DC 20231 after April 3, 2005. Thus, after April 3, 2005, all correspondence addressed to the Washington, DC 20231 address will

be returned to sender marked by the USPS as undeliverable. Such mail returned to the sender by the USPS **will not** be considered proof of prior filing or mailing under 37 CFR 1.8(b) or 1.10(e) since the correspondence was not mailed in accordance with 37 CFR 1.1. Pursuant to 37 CFR 1.1, correspondence intended for the USPTO must be mailed to P.O. Box 1450, Alexandria, VA 22313-1450, except as otherwise provided.

1. Correspondence intended for the USPTO, unless directed otherwise, must be addressed to: Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

2. Correspondence in patent-related matters to organizations reporting to the Commissioner for Patents must be addressed to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

3. Correspondence in trademark-related matters, except documents sent to the Assignment Services Division for recordation, requests for copies of trademark documents, and documents directed to the Madrid Processing Unit, must be addressed to: Commissioner for Trademarks P.O. Box 1451 Alexandria, VA 22313-1451

The above addresses are the USPTO's three general mailing addresses for mail delivered by the USPS; however, the USPTO has separate mailing addresses for certain correspondence as set forth in the notice titled "*Mailing and Hand Carry Addresses for Mail to the United States Patent and Trademark Office*" (formerly, "*Special Mail Stops For Patent Mail*") that is published each week in the Official Gazette Notices and posted on the USPTO Internet web site. Questions regarding this notice

may be e-mailed to PatentPractice@uspto.gov, or directed to the Inventors' Assistance Center (formerly the Patent Assistance Center (PAC)) by telephone at 800-786-9199 or 703-308-4357. Date: _____ 3/1/05 _____

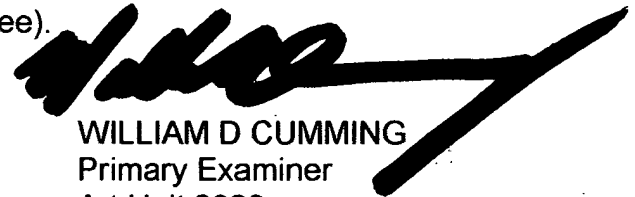
Conclusion

6. If applicants wish to request for an interview, an *"Applicant Initiated Interview Request"* form (PTOL-413A) should be submitted to the examiner prior to the interview in order to permit the examiner to prepare in advance for the interview and to focus on the issues to be discussed. This form should identify the participants of the interview, the proposed date of the interview, whether the interview will be personal, telephonic, or video conference, and should include a brief description of the issues to be discussed. A copy of the completed *"Applicant Initiated Interview Request"* form should be attached to the Interview Summary form, PTOL-413 at the completion of the interview and a copy should be given to applicant or applicant's representative.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **WILLIAM D CUMMING** whose telephone number is 571-272-7861. The examiner can normally be reached on Tuesday & Wednesday, 10:30am to 8:30pm,.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Trost can be reached on 571-272-7872. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

8. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


WILLIAM D CUMMING
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Wdc



UNITED STATES
PATENT AND
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